

INCH-POUND

MS27227A  
22 September 2000  
SUPERSEDING  
MS27227  
6 August 1964

DETAIL SPECIFICATION SHEET

90° FLANGE NIPPLE ASSEMBLY, ADAPTER, HOSE TO TUBE,  
REUSABLE, HYDRAULIC, FUEL AND OIL LINES

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-5070E.

REQUIREMENTS.

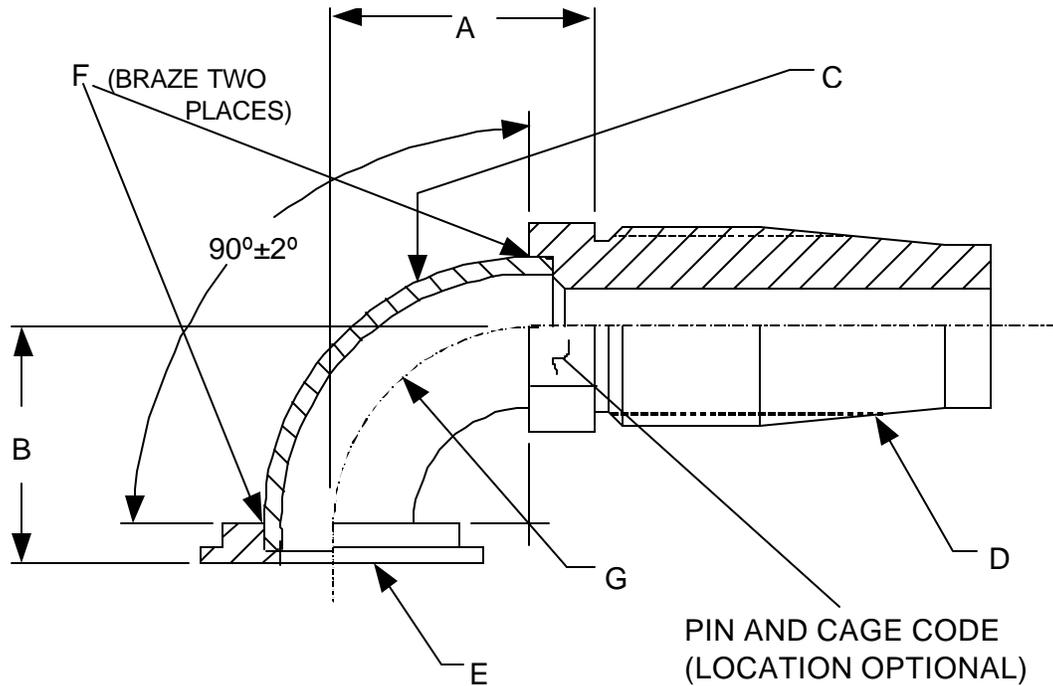


FIGURE 1. Assembly illustration.

TABLE I. Assembly composition.

PIN	A ±.035	B ±.035	C Elbow PIN	D Nipple PIN	E Shoulder PIN	G Rad (ref)
MS27227			MS27234	MS27239	MS27237	
-8	.876	.772	-8	-8	-8	.50
-10	1.000	.896	-10	-10	-10	.62
-12	1.220	1.156	-12	-12	-12	.84
-16	1.344	1.282	-16	-16	-16	.97
-20	1.688	1.500	-20	-20	-20	1.19
-24	1.938	1.688	-24	-24	-24	1.38
-32	2.376	2.062	-32	-32	-32	1.75
-40	2.812	2.374	-40	-40	-40	2.06
-48	3.188	2.624	-48	-48	-48	2.31

Intended use. This part is a component of MS27228.

Dimensions and tolerances. Dimensions are in inches.

Braze. Aluminum. Braze at points F in accordance with SAE AMS2672.

Heat treatment. Aluminum: Heat treat in accordance with SAE AMS-H-6088, condition T6, after braze.

Finish. Aluminum: Anodize in accordance with MIL-A-8625, Type II, dye blue, after heat treatment.

Identification of product. The part or identifying number (PIN) and the manufacturer's Commercial and Government Entity (CAGE) Code or trademark shall be permanently marked on the assembly or on a removable tag securely attached to the assembly. The PIN for this assembly shall be as shown in table I (e.g., MS27227-8).

Order of precedence. This specification sheet takes precedence over the documents referenced herein. Unless otherwise specified in the solicitation, referenced documents shall be of the issue in effect on the date of solicitation.

CHANGES FROM PREVIOUS ISSUE. Marginal notations are not used in this revision to identify changes with respect to the previous issue, due to the extent of the changes.

#### CONCLUDING MATERIAL

**Custodians:**

Army - AT  
Navy - AS  
Air Force - 99  
DLA - CC

**Preparing activity:**

DLA - CC

(Project 4730-0702)

**Review activities:**

Army - AV  
Navy - MC, SA  
Air Force - 11, 82